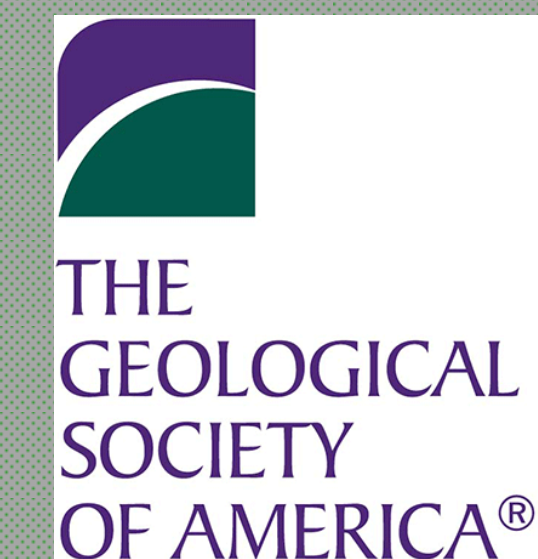




Mobilizing Manassas National Battlefield Park



Introduction

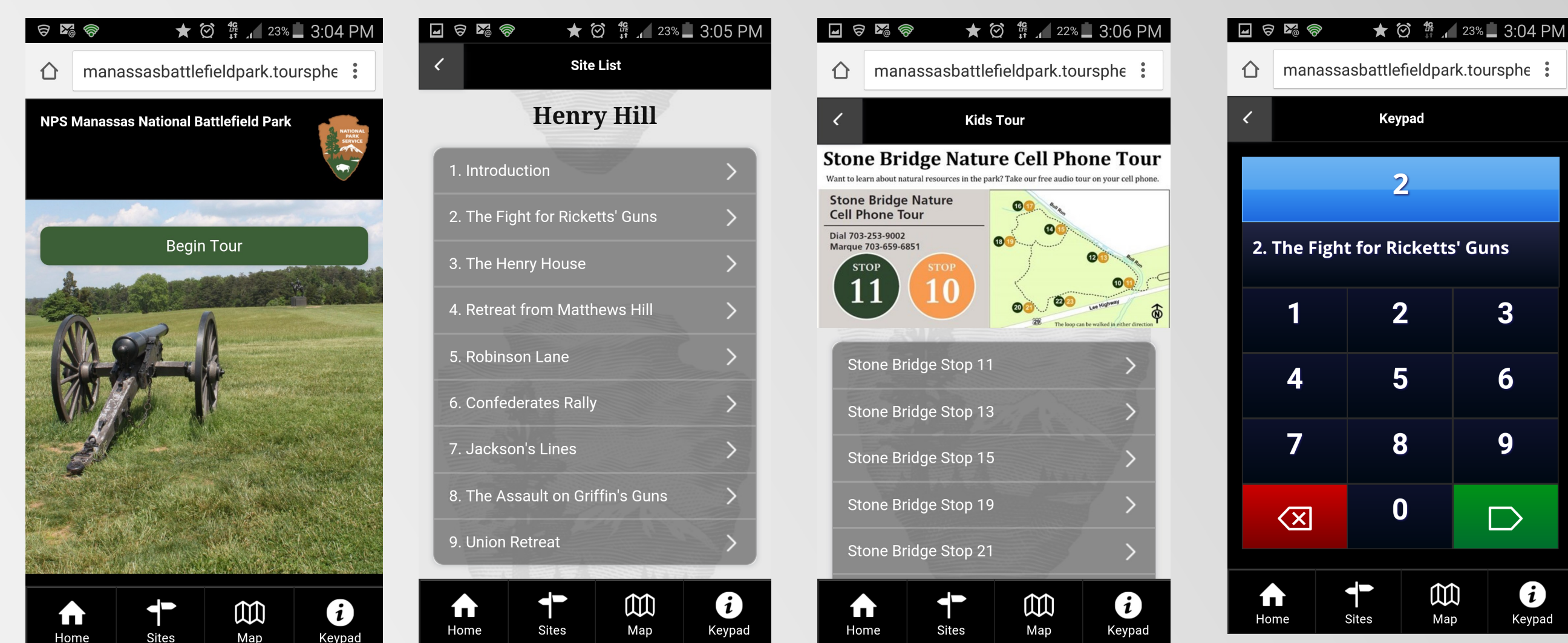
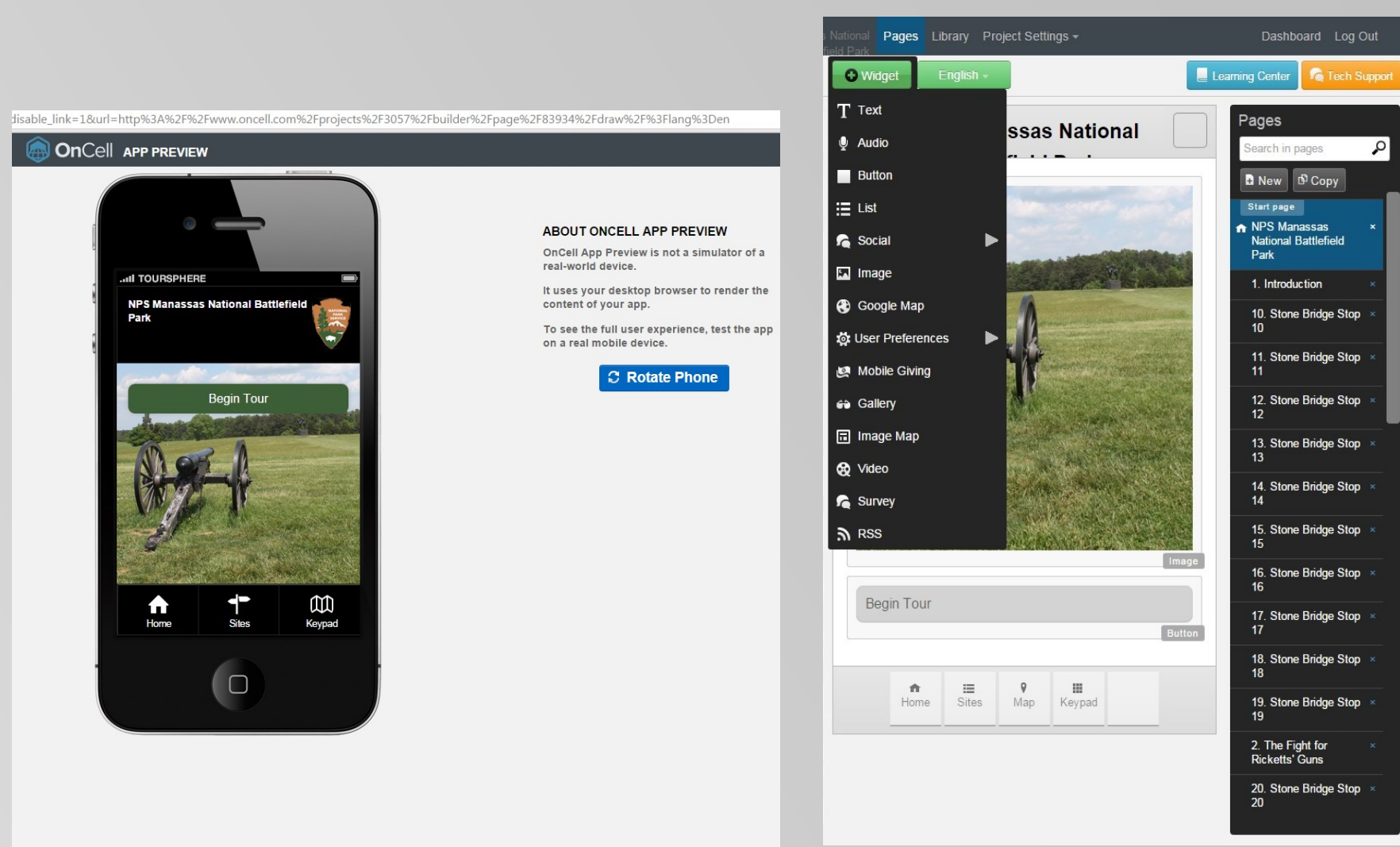
As an intern at Manassas National Battle Field Park, I was expected to maintain their website., build an application which could interact with GPS, and research on parks Resources. My main goal was to collect important information about the park and make it available on mobile devices. The three main projects I worked on were Web Application, Trust webpage, and Manassas Junior Ranger application.

Web Application

For web application, I used a builder called Tour Sphere. I used this builder because they have a built in theme for NPS. The purpose of this web application is to have an interpret with the visitor at all times.

*After working on this web application, I think this is how the tours should be given in any park. Instead of having pamphlets and brochures guiding the people, have this web application.

*Tour sphere is an advanced and very easy to use tool. The drag and drop interface makes it very easy to build the application, and it could be previewed with each step the developer takes.



*These are some of the screen shots from the application. It has a keypad which lets you jump from one tour to another. You can skip tour. Because of its simple and friendly interface, any one can use the web application without any trouble. It could be accesses through the link provided below or by scanning the QR code.

manassasbattlefieldpark.toursphere.com



Manassas Junior Ranger

Creating this application was the main focus of this internship and it was also the project that I am very proud to finish and have it published. To create this application, I used a builder name App Machine. It is another builder just like Tour sphere, but it has way more ways of editing the theme and feel of the application to make it personalized.



App Machine uses the block system to organize and create the content for the application.

There are many restriction on how the content could be organized, but with a little knowledge of HTML and JavaScript, a developer can create any application.

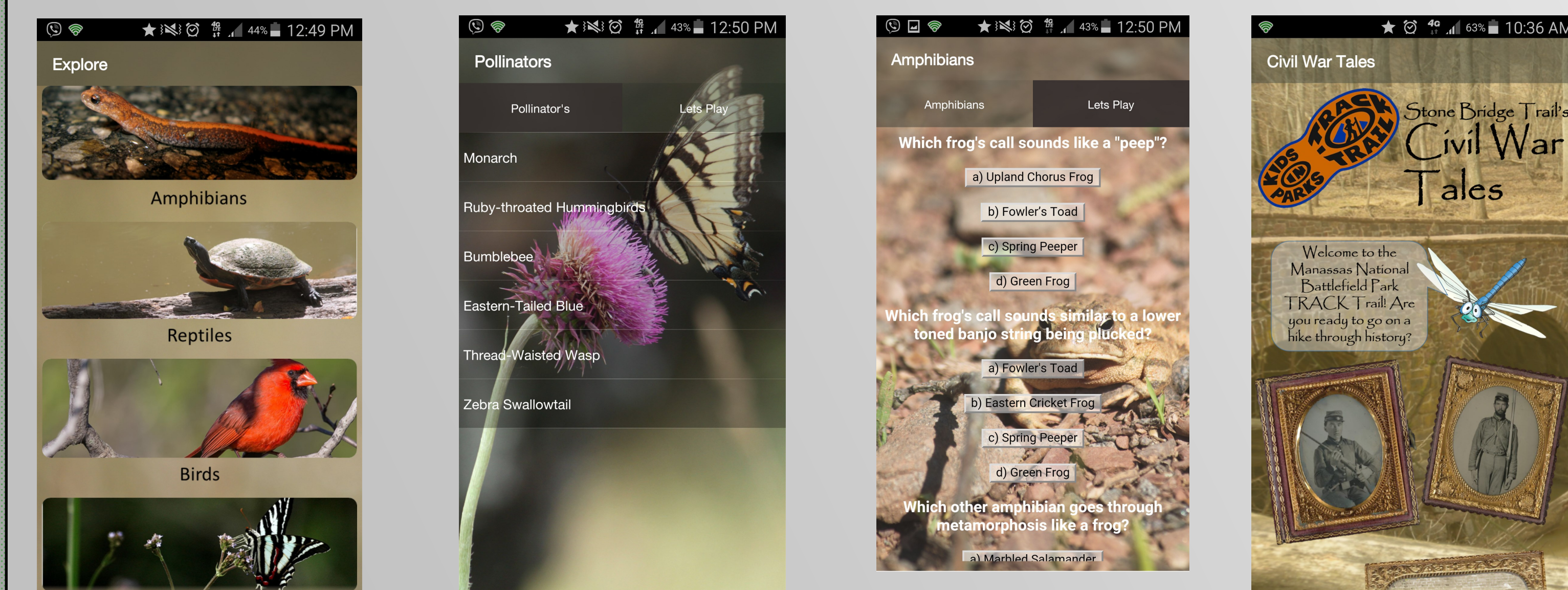
This is the best way to provide visitor's with tours, activities, and other information because it ...

* Saves Paper.

*Get rid of pamphlets from creating trash on trails.

* Saves yearly cost for printing pamphlets.

*Easily editable and isn't something extra for the tourist to carry.



Look for this application on Google and Apple Store.

<https://apps.appmachine.com/manassasjuniorranger>

Or by scanning the QR code .



Trust Web Page

This project was something, which I didn't expect to work on. This was my first time dealing with any kind of webpage or HTML coding. Park trust group was signed up with go daddy to provide them with domain and were using WordPress to create the webpage. WordPress is used to make it easier for anyone to build or maintain a webpage.

* Plugins are used to make the pages look fancier, have special features, and they also provide you assistance with organizing your page.

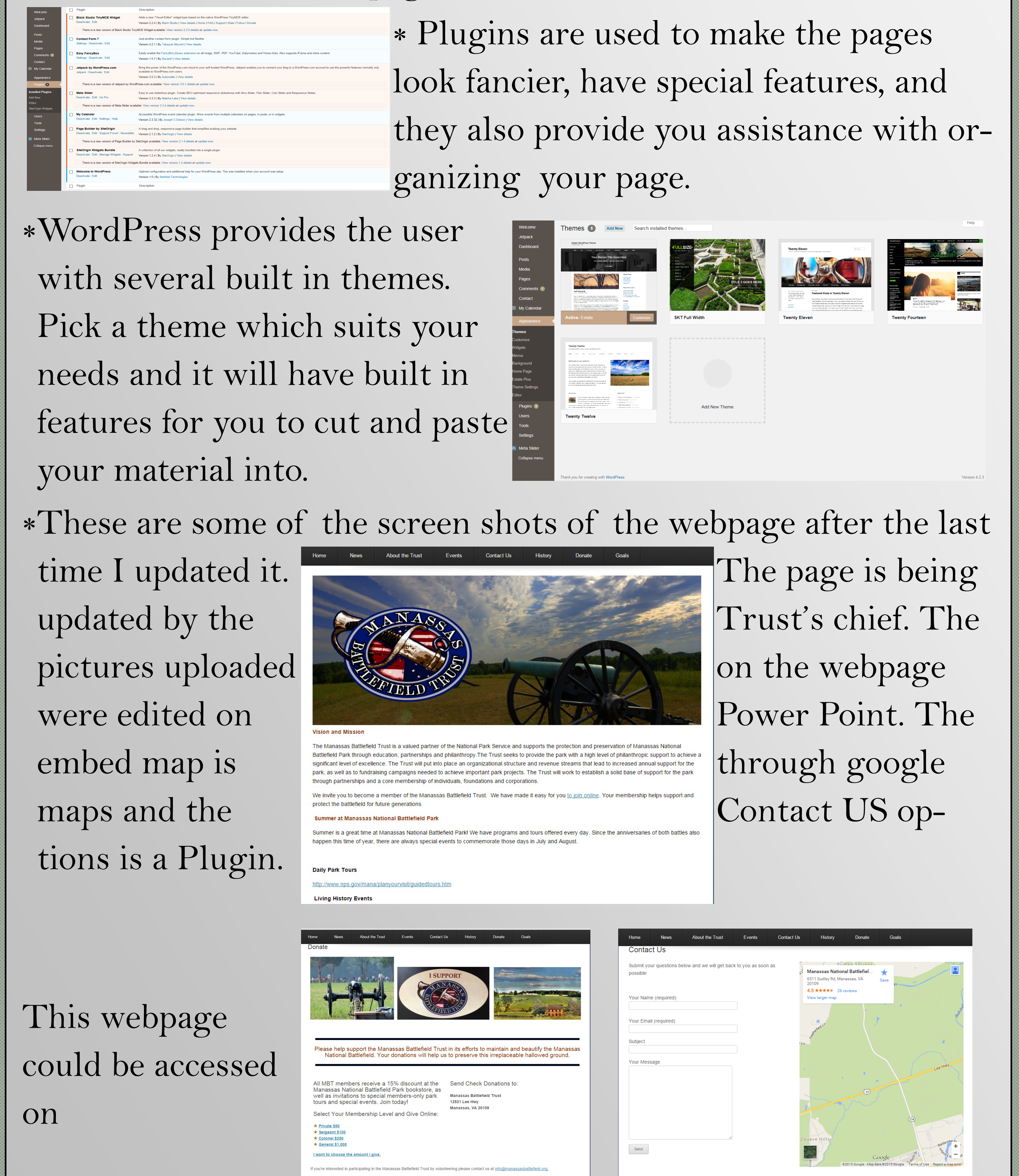
*WordPress provides the user with several built in themes. Pick a theme which suits your needs and it will have built in features for you to cut and paste your material into.

*These are some of the screen shots of the webpage after the last time I updated it.

updated by the pictures uploaded were edited on embed map is maps and the tions is a Plugin.

This webpage could be accessed on

<http://manassasbattlefield.org/>



Conclusion

As we enter the age of mobile devices, it becomes a necessity for us to change our ways of providing information as well. After working on these projects and looking at the benefits they come with, I think all National Parks should adopt this way of providing tours and information.

